#### **ALGORTIHMS**

# Detection of similarity between documents with hashing

Roger Vilaseca Darn $\tilde{A}$ ©, Xavier Lacasa Curto and Xavier Mart $\tilde{A}$ n Ballesteros

## Contents

### 1 Introduction

#### References

- [1] Anand Rajaraman, Jure Leskovec and Jeffrey D. Ullman. *Mining of Massive Datasets*. Cambridge University Press. (December 30, 2011).
- [2] cmhteixeira. Locality Sensitive Hashing (LSH) [online]. (November 29, 2017). <a href="https://aerodatablog.wordpress.com/2017/11/29/locality-sensitive-hashing-lsh/">https://aerodatablog.wordpress.com/2017/11/29/locality-sensitive-hashing-lsh/</a>> [Consulted: December 12, 2018].
- [3] Hubert Brylkowski. Locality sensitive hashing -LSH explained [online]. (October 6, 2017). <a href="https://medium.com/engineering-brainly/locality-sensitive-hashing-explained-304eb39291e4">https://medium.com/engineering-brainly/locality-sensitive-hashing-explained-304eb39291e4</a> [Consulted: December 15, 2018].
- [4] Jeffrey D. Ullman[Mining Massive Datasets]. (July 23, 2016). 3 2 Minhashing 25 18. <a href="https://www.youtube.com/watch?v=96WOGPUgMfw">https://www.youtube.com/watch?v=96WOGPUgMfw</a>.
- [5] Jeffrey D. Ullman[Mining Massive Datasets]. (July 23, 2016). 3 3 Locality Sensitive Hashing 19 24. <a href="https://www.youtube.com/watch?v=\_1D35bN95Go">https://www.youtube.com/watch?v=\_1D35bN95Go</a>.
- [6] santhoshhari. Locality Sensitive*Hashing:* ofLocal-Application Sensitive Hashing toAudioFingerprinting [online]. (n.d.). <a href="https://santhoshhari.github.io/Locality-Sensitive-Hashing/">https://santhoshhari.github.io/Locality-Sensitive-Hashing/</a> [Consulted: December 16, 2018].
- [7] Shikhar Gupta. Locality Sensitive Hashing: An effective way of reducing the dimensionality of your data [online]. (June 29, 2018). <a href="https://towardsdatascience.com/understanding-locality-sensitive-hashing-49f6d1f6134">https://towardsdatascience.com/understanding-locality-sensitive-hashing-49f6d1f6134</a> [Consulted: December 16, 2018]